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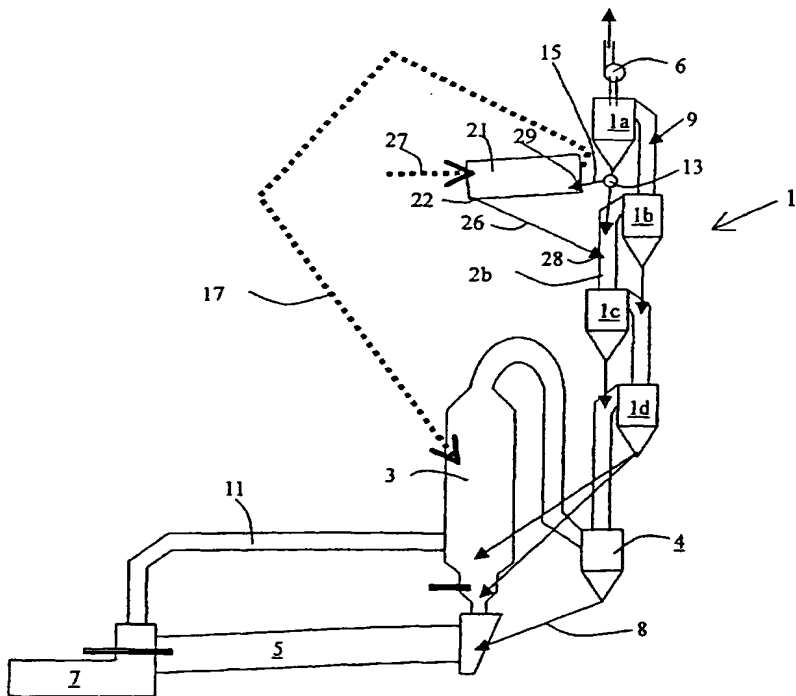
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(54) Title: METHOD AND PLANT FOR MANUFACTURING CEMENT CLINKER



(57) Abstract: Described is a method for manufacturing cement clinker by which method cement raw meal is preheated and burned in a plant comprising a cyclone preheater (1) and a kiln (5). The method is peculiar in that that at least a portion of the raw meal is extracted from the cyclone preheater (1), that this raw meal is introduced into a separate unit (21) in which it is given a retention time under oxidating conditions provided by means of a gas stream for forming SO₂ and for expelling organic carbon, that the formed SO₂ and the expelled organic carbon are subsequently discharged from the separate unit (21) entrained in the gas stream for further treatment in a subsequent process stage, and that the raw meal is reintroduced into the cyclone preheater (1). Hereby is obtained an effective reduction of the VOC, CO as well as the SO₂ emission without necessitating utilization of additional energy for heating. By giving the extracted and partially preheated raw meal a retention time under

oxidating conditions separate from the cyclone preheater it is obtained that sulphide will oxidate into SO₂ and that organic carbon is expelled from the raw meal, so that the thus formed SO₂ and the thus expelled organic carbon can be entrained in a separate, relatively small gas stream and subjected to subsequent treatment in the optimum manner.